

Frank K. A.
WHAT IS CLAIMED IS:

1. A synergistic composition for skin depigmentation which does not contain a corticosteroid comprising 4-hydroxyanisole and a retinoid in a pharmaceutically acceptable topical vehicle.

2. A composition as defined in claim 1 wherein said retinoid is all-trans retinoic acid.

3. A composition as defined in claim 2 containing from 0.1% to 5% by weight of 4-hydroxyanisole and from 0.001% to 1% by weight of all-trans retinoic acid.

3. A composition as defined in claim *3* containing from 1 to 2% by weight of 4-hydroxyanisole and from 0.01 to 0.1% by weight of all-trans retinoic acid.

4. A composition as defined in claim 1 wherein said retinoid is (N-acetyl-4-aminophenyl) retinoate.

5. A composition as defined in claim *5* containing from 0.1% to 5% by weight of 4-hydroxyanisole and from 0.001% to 1% by weight of (N-acetyl-4-aminophenyl) retinoate.

6. A composition as defined in claim *6* containing from 1 to 2% by weight of 4-hydroxyanisole and from 0.01 to 0.1% by weight of (N-acetyl-4-aminophenyl) retinoate.

7. A composition as defined in claim 1 wherein said retinoid is 11-cis,13-cis-12-hydroxymethyl retinoic acid δ -lactone.

8. A composition as defined in claim *8* containing from 0.1% to 5% by weight of 4-hydroxyanisole and from 0.001% to 1% by weight of 11-cis,13-cis-12-hydroxymethyl retinoic acid δ -lactone.

67

13

Claim 10 9. 10. A composition as defined in claim 8 containing from 1 to 2% by weight of 4-hydroxyanisole and from 0.01 to 0.1% by weight of 11-cis,13-cis-12-hydroxymethyl retinoic acid δ -lactone.

Claim 11 11. A method for skin depigmentation which comprises topically applying to the skin a synergistic composition which does not contain a corticosteroid comprising 4-hydroxyanisole and a retinoid in a pharmaceutically acceptable topical vehicle.

Claim 12 11. 12. A method as defined in claim 11 wherein said retinoid is all-trans retinoic acid.

Claim 13 13. A method as defined in claim 12 wherein said composition contains from 0.1% to 5% by weight of 4-hydroxyanisole and from 0.001% to 1% by weight of all-trans retinoic acid.

Claim 14 12. 14. A method as defined in claim 13 containing from 1 to 2% by weight of 4-hydroxyanisole and from 0.01% to 0.1% by weight of all-trans retinoic acid.

Claim 15 13. 15. A method as defined in claim 14 wherein said retinoid is (N-acetyl-4-aminophenyl) retinoate.

Claim 16 14. 16. A method as defined in claim 15 wherein said composition contains from 0.1% to 5% by weight of 4-hydroxyanisole and from 0.001% to 1% by weight of (N-acetyl-4-aminophenyl) retinoate.

Claim 17 15. 17. A method as defined in claim 16 containing from 1 to 2% by weight of 4-hydroxyanisole and from 0.01% to 0.1% by weight of (N-acetyl-4-aminophenyl) retinoate.

14

16. A method as defined in claim 11 wherein said
retinoid is 11-cis,13-cis-12-hydroxymethyl retinoic acid
δ-lactone.

17. A method as defined in claim 18 wherein said
composition contains from 0.1% to 5% by weight of
4-hydroxyanisole and from 0.001% to 1% by weight of
11-cis,13-cis-12-hydroxymethyl retinoic acid δ-lactone.

18. A method as defined in claim 17 containing from 1
to 2% by weight of 4-hydroxyanisole and from 0.01% to 0.1%
by weight of 11-cis,13-cis-12-hydroxymethyl retinoic acid
δ-lactone.

15